DECLARATION

As a below named inventor, I hereby declare that:

is attached hereto.

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or the below named inventors are the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "METHOD AND APPARATUS FOR DETERMINING CRITICAL TIMING PATH SENSITIVITIES OF MACROS IN A SEMICONDUCTOR DEVICE" the Specification of which:

was f	iled on	as Application S	erial No		
I hereby state including the claims.	that I have revie	ewed and understa	and the contents of	f the above-identifi	ed specification
I acknowledge material to patentabilit Code of Federal Regula	y of the subject n			e all information kn "materiality" is def	
I hereby claim patent, United States prany foreign application before that of the applic	rovisional application for patent, United	ion(s), or inventor's States provisional	s certificate listed b		identified below
	PRIORI	TY APPLICATIO	DN(S)		Priority Claimed
(Number)	(Country)		(Date Filed)		Yes/No
(Number)	(Country)		(Date Filed)		Yes/No
I hereby claim listed below and, insoft United States application acknowledge the duty a claimed in this application become available between this application:	ar as the subject mon in the manner properties of disclose all infontation, as "materials	atter of each of the provided by the firmation known to ty" is defined in	e claims of this appring the claims of the control of this approximation of the control of	tle 35, United State to patentability of the Federal Regulations	osed in the prior os Code, § 112, I he subject matter of § 1.56, which
(Application S	Serial No.)	(Filing Date)	(Status)		
(Application S	Serial No.)	(Filing Date)	(Status)		
I hereby direc Williams, Morgan & A				ed to Scott F. Dirin 77040, (608) 833-0	



I HEREBY DECLARE THAT ALL STATEMENTS MADE OF MY OWN KNOWLEDGE ARE TRUE AND THAT ALL STATEMENTS MADE ON INFORMATION AND BELIEF ARE BELIEVED TO BE TRUE; AND FURTHER THAT THESE STATEMENTS WERE MADE WITH THE KNOWLEDGE THAT WILLFUL FALSE STATEMENTS AND THE LIKE SO MADE ARE PUNISHABLE BY FINE OR IMPRISONMENT, OR BOTH, UNDER SECTION 1001 OF TITLE 18 OF THE UNITED STATES CODE AND THAT SUCH WILLFUL FALSE STATEMENTS MAY JEOPARDIZE THE VALIDITY OF THE APPLICATION OR ANY PATENT ISSUED THEREON.

inventor's Full Name:	SPENCER A. PETERSEN	
Inventor's Signature:		
Country of Citizenship:	USA	Date:
Residence Address: (street,	5604 SOUTHWEST PARKWAY #1832	2
number, city, state, and/or country)	Austin, TX 78735	
Post Office Address: (if different from above)	Same	
Inventor's Full Name:	PATRICK F. O'CONNELL, JR.	
Inventor's Signature:		
Country of Citizenship:	USA	Date:
Residence Address: (street,	814 CLARKSTON DR.	
number, city, state, and/or country)	SAN JOSE, CA 95136	
Post Office Address: (if different from above)	Same	
Inventor's Full Name:	TERENCE M. CLIFTON	
Inventor's Signature:	Thence M. Clifton	
Country of Citizenship:	USA \	Date: 12 2001
Residence Address: (street,	2555 HOMESTEAD RD. APT. 48	U ,
number, city, state, and/or country)	SANTA CLARA, CA 95051	
Post Office Address: (if different from above)	Same	

DECLARATION

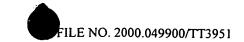
As a below named inventor, I hereby declare that:

is attached hereto. was filed on

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or the below named inventors are the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "METHOD AND APPARATUS FOR DETERMINING CRITICAL TIMING PATH SENSITIVITIES OF MACROS IN A SEMICONDUCTOR DEVICE" the Specification of which:

was was	filed on	as Application	Serial No	<u>-</u> ·	
I hereby stat including the claims.	e that I have re	eviewed and unders	stand the contents	of the above-ider	itified specification
I acknowledg material to patentabil Code of Federal Regu	ity of the subject	sclose to the Patent set matter claimed in			
I hereby clain patent, United States pany foreign application before that of the appl	provisional appli n for patent, Uni	ted States provision	or's certificate listed al application, or inv	below and have a	lso identified below
	PRIO	RITY APPLICAT	ION(S)		Priority Claimed
(Number)	(Count	ry)	(Date Filed)		Yes/No
(Number)	(Count	ry)	(Date Filed)		Yes/No
I hereby clain listed below and, inso United States applicate acknowledge the duty claimed in this applicate become available betwithis application:	far as the subjection in the mann to disclose all it eation, as "mater	er provided by the nformation known t riality" is defined in	the claims of this ap first paragraph of 7 to me to be material in Title 37, Code of	oplication is not d Fitle 35, United S to patentability of Federal Regulati	isclosed in the prior tates Code, § 112, 1 of the subject matter ons, § 1.56, which
(Application	Serial No.)	(Filing Date)	(Status)	
(Application	Serial No.)	(Filing Date)	(Status	5)	
I hereby dire Williams, Morgan & A		pondence and telepl 676 Hillmont, Suite			



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Inventor's Full Name:	SPENCER A. PETERSEN			
Inventor's Signature:				
Country of Citizenship:	USA	Date:		
Residence Address: (street,	5604 SOUTHWEST PARKWAY #183	2		
number, city, state, and/or country)	Austin, TX 78735		·	
Post Office Address: (if different from above)	Same			
Inventor's Full Name:	PATRICK F. O'CONNELL II			
Inventor's Signature:	Patrick 9. Olomell #			
Country of Citizenship:	USA	Date: _	5/2/2001	
Residence Address: (street,	814 CLARKSTON DR.			
number, city, state, and/or country)	SAN JOSE, CA 95136			
Post Office Address: (if different from above)	Same			
Inventor's Full Name:	TERENCE M. CLIFTON			
Inventor's Signature:				
Country of Citizenship:	USA	Date:		
Residence Address: (street,	2555 HOMESTEAD RD. APT. 48			
number, city, state, and/or country)	SANTA CLARA, CA 95051	·		
Post Office Address: (if different from above)	Same			

DECLARATION

As a below named inventor, I hereby declare that:

is attached hereto.

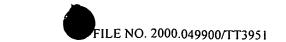
My residence, post office address and citizenship are as stated below next to my name.

was filed on _____ as Application Serial No. _____.

I believe I am the original, first and sole inventor (if only one name is listed below) or the below named inventors are the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "METHOD AND APPARATUS FOR DETERMINING CRITICAL TIMING PATH SENSITIVITIES OF MACROS IN A SEMICONDUCTOR DEVICE" the Specification of which:

I hereby sta including the claims.	te that I have	reviewed and under	rstand the contents of	the above-identified specifica	tion
	ity of the subje			e all information known to me t "materiality" is defined in Title	
patent, United States	provisional appl n for patent, Un	ication(s), or invent ited States provision	or's certificate listed be nal application, or inve	119 of any foreign application(s elow and have also identified bout of the ntor's certificate having a filing	elow
	PRIC	ORITY APPLICAT	TION(S)	Priority Claimed	
(Number)	(Coun	try)	(Date Filed)	Yes/No	
(Number)	(Coun	try)	(Date Filed)	Yes/No	
listed below and, inso United States applica acknowledge the duty claimed in this applic	ofar as the subjection in the man to disclose all cation, as "mate	ct matter of each of ner provided by the information known criality" is defined	the claims of this app first paragraph of Ti to me to be material t in Title 37, Code of I	of any United States application is not disclosed in the particle 35, United States Code, § 1 to patentability of the subject material Regulations, § 1.56, we had or PCT international filing data.	prior 12, 1 atter hich
(Application	Serial No.)	(Filing Date)	(Status)		
(Application	Serial No.)	(Filing Date)	(Status)		
				1. 0	

I hereby direct that all correspondence and telephone calls be addressed to Scott F. Diring, Patent Agent, Williams, Morgan & Amerson, P.C., 7676 Hillmont, Suite 250, Houston, Texas 77040, (608) 833-0748.



I HEREBY DECLARE THAT ALL STATEMENTS MADE OF MY OWN KNOWLEDGE ARE TRUE AND THAT ALL STATEMENTS MADE ON INFORMATION AND BELIEF ARE BELIEVED TO BE TRUE: AND FURTHER THAT THESE STATEMENTS WERE MADE WITH THE KNOWLEDGE THAT WILLFUL FALSE STATEMENTS AND THE LIKE SO MADE ARE PUNISHABLE BY FINE OR IMPRISONMENT, OR BOTH, UNDER SECTION 1001 OF TITLE 18 OF THE UNITED STATES CODE AND THAT SUCH WILLFUL FALSE STATEMENTS MAY JEOPARDIZE THE VALIDITY OF THE APPLICATION OR ANY PATENT ISSUED THEREON.

Inventor's Full Name:	SPENCER A. PETERSEN	
Inventor's Signature:	Spencer Petersen)
Country of Citizenship:	USA	Date:
Residence Address: (street, number, city, state, and/or country)	-5604 SOUTHWEST PARKWAY #18 Austin, TX 78753 78748	32 2124 Ravenscroft Drive
Post Office Address: (if different from above)	Same	· · · · · · · · · · · · · · · · · · ·
Inventor's Full Name:	PATRICK F. O'CONNELL, JR.	
Inventor's Signature:		
Country of Citizenship:	USA	Date:
Residence Address: (street,	814 CLARKSTON DR.	
number, city, state, and/or country)	SAN JOSE, CA 95136	
Post Office Address: (if different from above)	Same	
Inventor's Full Name:	TERENCE M. CLIFTON	
Inventor's Signature:		D .
Country of Citizenship:	USA	Date:
Residence Address: (street, number, city, state, and/or	2555 HOMESTEAD RD. APT. 48	
country)	SANTA CLARA, CA 95051	
Post Office Address: (if different from above)	Same	



In re Application of: § § SPENCER A. PETERSEN § PATRICK F. O'CONNELL, JR. Examiner: Unknown TERENCE M. CLIFTON § § Group Art Unit: Unknown Serial No.: Unknown § § Att'y Docket: 2000.049900/TT3951 § Filed: Concurrently Herewith For: METHOD AND **APPARATUS** FOR **TIMING DETERMINING** CRITICAL **PATH SENSITIVITIES** OF **MACROS** IN

POWER OF ATTORNEY

Assistant Commissioner for Patents Washington, D.C. 20231

SEMICONDUCTOR DEVICE

Sir:

The undersigned, being the inventor named in the above-identified application, hereby revokes any previous Powers of Attorney and appoints:

Elizabeth A. Apperley, Reg. No. 36,428; Paul S. Drake, Reg. No. 33,491; Richard J. Roddy, Reg. No. 27,688; Michael Caywood, Reg. No. 37,797; Bradley Botsch, Reg. No. 34,552; Harry A. Wolin, Reg. No. 32,638; and Raj Jaipershad, Reg. No. 44,168; and

Danny L. Williams, Reg. No. 31,892; Terry D. Morgan, Reg. No. 31,181; J. Mike Amerson, Reg. No. 35,426; Kenneth D. Goodman, Reg. No. 30,460; Jeffrey A. Pyle, Reg. No. 34,904; Randall C. Furlong, Reg. No. 35,144; Scott F. Diring, Reg. No. 35,119; George J. Oehling, Reg. No. 40,471; Shelley P.M. Fussey, Reg. No. 39,458; Mark D. Moore, Reg. No. 42,903; Louis H. Iselin, Reg. No. 42,684; and Raymund F. Eich, Reg. No. 42,508; Bradley A. Misley, Reg. No. 46,937; and Thomas H. Belvin, Jr., Reg. No. 43,491 of Williams, Morgan & Amerson;

as its attorney or agent so long as they remain with such firms, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive any Letters Patent, and for one year after issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.

Please direct all communications as follows:

Scott F. Diring, Patent Agent WILLIAMS, MORGAN & AMERSON, P.C. 7676 Hillmont, Suite 250 Houston, Texas 77040 (713) 934-7000

Signature:		Date:	
	SPENCER A. PETERSEN		
Signature:		Date:	
	PATRICK F. O'CONNELL, JR.		
Signature:		Date:	June 12, 2001
	TERENCE M. CLIFTON		()

In re Application of:	§	
SPENCER A. PETERSEN	§	
PATRICK F. O'CONNELL II	§	Examiner: Unknown
TERENCE M. CLIFTON	§	
	§	Group Art Unit: Unknown
Serial No.: Unknown	§	
	§	Att'y Docket: 2000.049900/TT3951
Filed: Concurrently Herewith	§	
·	§	
For: METHOD AND APPARATUS FOR	§	
DETERMINING CRITICAL TIMING PATH		
SENSITIVITIES OF MACROS IN A		
SEMICONDUCTOR DEVICE		

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Signature:	<u></u>	Date:		
•	SPENCER A. PETERSEN			
Signature:	Patrick F. Olonnell I	Date:	5/2/2001	
	PATRICK F. O'CONNELL II			
Signature:		Date:		
	TERENCE M. CLIFTON			

In re Application of:	§	
SPENCER A. PETERSEN	§	
PATRICK F. O'CONNELL, JR.	§	Examiner: Unknown
TERENCE M. CLIFTON	§	
	§	Group Art Unit: Unknown
Serial No.: Unknown	§	
	§	Att'y Docket: 2000.049900/TT3951
Filed: Concurrently Herewith	§	
	§	
For: METHOD AND APPARATUS FOR	§	
DETERMINING CRITICAL TIMING PATH		
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Assistant Commissioner for Patents Washington, D.C. 20231

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Scott F. Diring, Patent Agent
WILLIAMS, MORGAN & AMERSON, P.C.
7676 Hillmont, Suite 250
Houston, Texas 77040
(713) 934-7000

Signature:	Spencer Petersen Spencer A. PETERSEN	Date: 2/24/01
Signature:	PATRICK F. O'CONNELL, JR.	Date:
Signature:	TERENCE M. CLIFTON	Date: